

MINNESOTA AG NEWS

WEEKLY CROP-WEATHER



USDA, NASS, MINNESOTA  
FIELD OFFICE  
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USDA, NASS, MINNESOTA FIELD OFFICE, IN COOPERATION WITH THE NATIONAL WEATHER SERVICE  
TWIN CITIES INT'L AIRPORT, UNIV. OF MINN. EXTENSION SERVICE, AND STATE CLIMATOLOGY, FSA, NRCS, DNR

SMALL GRAINS ADVANCED

Small grains advanced quickly into the jointing stage, according to USDA-NASS, Minnesota Field Office. Topsoil moisture supplies were rated mostly adequate although some areas of the state would benefit from rain. Crop conditions were rated mostly good to excellent and producers were busy with spraying and haying activities.

The average temperature for the week was 65.0°, 1.3° above normal. Statewide topsoil moisture supplies as of Friday were rated 3% very short, 23% short, 69% adequate, and 5% surplus.

As of Sunday June 11<sup>th</sup>, corn height was estimated at 11 inches, 4 inches taller than the five-year average height. Soybeans were 91% emerged, 13 percentage points ahead of the five-year average. Soybean height was estimated at 3 inches. Eighty-one percent of corn and 77% of soybeans were rated in good to excellent condition.

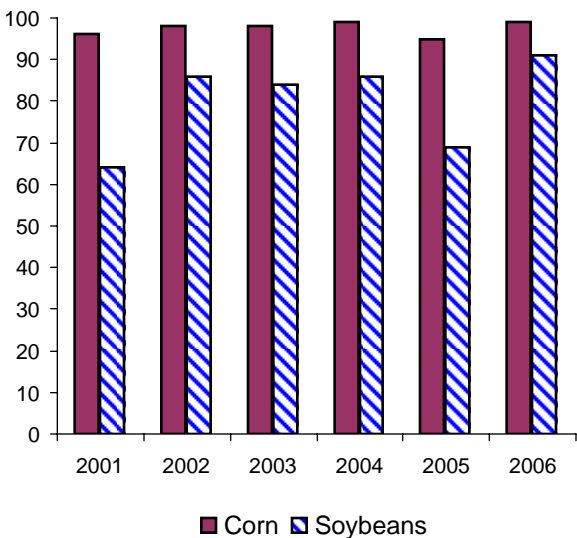
Spring Wheat was 41% jointed compared to 21% last year and 24% for the five-year average. Oats were 58% jointed, compared to 36% last year and 36% for the five-year average. First cutting alfalfa was 79% complete compared to 24% last year and 38% for the five-year average.

Days Suitable for Fieldwork: 6.0				
	Very Short	Short	Adequate	Surplus
Topsoil Moisture (%)	3	23	69	5

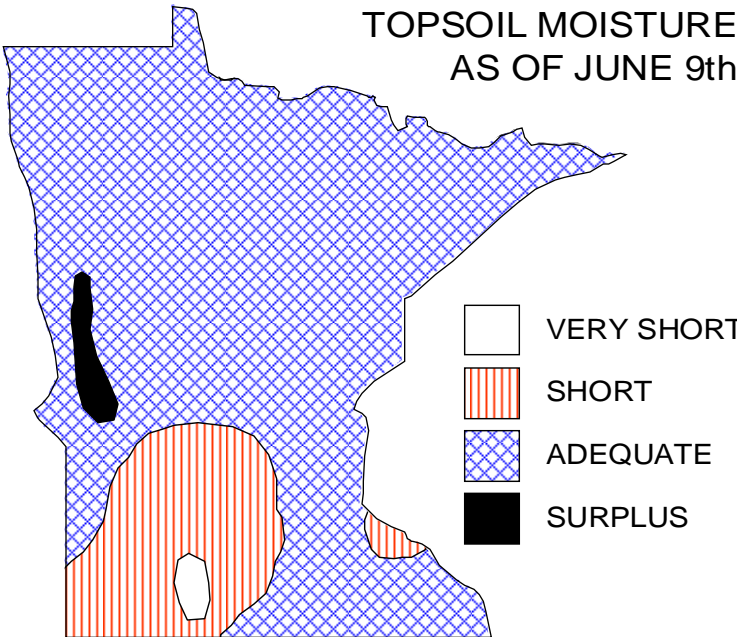
Crop Progress as of June 11, 2006					
Crop	Stage of Development	This Week	Last Week	Last Year	5 Yr Avg
		Percent			
Corn	Height	11	6	7	7
Soybeans	Emerged	91	75	69	78
	Height	3	2	2	2
Oats	Jointed	58	29	36	36
	Heading	8	0	1	2
Barley	Jointed	38	16	35	30
	Heading	5	NA	0	1
Spring Wheat	Jointed	41	16	21	24
	Heading	3	NA	1	0
Sweet Corn	Planted	85	71	68	76
Alfalfa	First Cutting	79	56	24	38
Canola	Planted	96	94	98	91
Sunflowers	Planted	97	92	80	86
Dry Beans	Planted	97	88	80	90

Crop Condition as of June 9, 2006 in %					
	Very Poor	Poor	Fair	Good	Exc
Pasture	1	4	25	56	14
Corn	0	3	16	58	23
Alfalfa	0	3	21	57	19
Spring Wheat	1	3	18	58	20
Barley	0	2	18	68	12
Oats	1	4	18	63	14
Soybeans	2	4	17	55	22
Sugarbeets	0	3	20	65	12

CORN AND SOYBEANS  
EMERGED AS OF JUNE 11, 2001-2006



TOPSOIL MOISTURE  
AS OF JUNE 9th



PRECIPITATION AND TEMPERATURES FOR THE WEEK ENDING June 11, 2006:

Temperatures averaged from 0.5 degree above normal in the North Central and West Central Districts to 2.4 degrees above normal in the Central District. Extremes: 31 degrees in Hibbing; 92 degrees in Canby. Precipitation averaged from 0.38 inch below normal in the Northwest District to 1.38 inches above normal in the South Central District. Greatest weekly total was 5.35 inches recorded in Lamberton.

For a map of Minnesota's precipitation, please see the Minnesota Climatology Group's website; <http://climate.umn.edu/doc/weekmap.asp>.

Precipitation and Temperature Summary for 6/5/2006 through 6/11/2006

	Temperature				Precipitation				G D D	
	High	Low	Week Ave	Depart from Norm	Week Total	Depart Past Week	From Four Weeks	Norm Since 4/1	Since May 2	Depart from Norm
<u>NW DIST 1</u>										
Crookston	85	48	65.8	2.0	.77	-.04	-1.87	-.72	496	43
Moorhead	84	50	64.8	.4	.44	-.38	-1.05	-1.75	533	59
Warroad	83	46	62.6	1.4	.12	-.73	-1.59	-1.68	405	37
<u>NC DIST 2</u>										
Grand Rapids	83	39	62.2	.9	1.81	.79	-.78	-.19	473	87
Intl. Falls	81	33	60.2	.0	.70	-.21	-1.63	-1.13	412	49
Itasca	81	36	60.6	.5	.80	-.18	-2.02	.00	419	70
<u>NE DIST 3</u>										
Duluth	80	39	59.6	1.4	1.32	.36	-.22	1.24	351	44
Grand Marais	82	42	55.0	3.4	.30	-.47	-1.98	-.50	195	18
Hibbing	80	31	58.2	-1.3	.85	-.09	-1.53	-2.21	403	62
<u>WC DIST 4</u>										
Alexandria	83	44	62.8	-.6	1.22	.18	-1.62	-1.40	485	42
Browns Valley	86	46	66.0	.7	.50	-.23	-1.50	1.63	504	4
Canby	92	47	67.4	.7	.31	-.64	-2.20	.46	561	35
Fergus Falls	84	48	65.8	2.0	1.66	.79	1.91	3.04	504	50
Montevideo	87	47	65.5	-.4	.89	-.10	-1.83	-.73	563	62
Morris	85	47	66.2	.9	.72	-.17	-1.16	.17	518	24
<u>CENT DIST 5</u>										
Becker	89	43	67.2	3.8	.43	-.61	-2.57	-.46	552	106
Collegeville	M	M	M	M	M	M	-3.63m	-1.30m	465m	-56m
Hutchinson	89	48	68.6	2.4	.46	-.58	-2.22	-.04	569	51
Olivia	88	49	68.6	2.5	.52	-.52	-2.51	-.48	580	70
St. Cloud	89	43	64.4	1.0	1.32	.26	-1.87	.17	539	93
Staples	82	45	64.0	2.4	1.39	.41	-1.66	-.96	461	57
Willmar	90	46	68.0	2.3	.21	-1.00	-3.24	-1.53	569	69
<u>EC DIST 6</u>										
Aitkin	82	40	62.9	2.2	.64	-.32	-1.63	-.12	447	76
Forest Lake	87	46	66.6	1.6	2.73	1.68	-.11	1.62	566	78
MSP Airport	89	51	68.2	1.6	1.05	.05	-1.99	1.66	619	88
St. Paul - UofM	87	48	68.2	.8	.67	-.49	-2.40	.45	615	58
<u>SW DIST 7</u>										
Lamberton	88	49	68.0	.9	5.35	4.45	3.13	4.17	572	38
Pipestone	87	47	65.6	.2	.16	-.77	-1.71	-1.34	528	38
Redwood Falls	90	50	66.5	-1.5	1.16	.22	-1.78	-.81	591	23
Worthington	91	47	69.4	4.1	.23	-.85	-1.90	2.24	574	95
<u>SC DIST 8</u>										
Faribault	86	50	68.4	2.8	1.25	.28	-2.20	-1.42	549	65
Mankato	87	50	67.8	1.4	3.98	2.68	.12	1.05	573	55
Waseca	86	50	67.9	1.7	3.92	2.95	.68	2.57	584	70
Winnebago	90	49	69.3	2.6	.69	-.39	-3.06	1.21	605	81
<u>SE DIST 9</u>										
Preston	84	49	65.0	.3	2.14	1.09	-.67	3.89	482	26
Red Wing	88	52	69.0	3.1	.34	-.58	-1.45	-1.63	568	62
Rochester	87	50	65.6	1.2	2.56	1.66	-.43	1.90	541	81
Rosemount	87	50	68.0	2.7	.73	-.33	-2.59	-.70	545	64
Winona	86	51	68.4	.2	1.19	.30	-1.64	-1.78	534	-38

m=some data missing

Corn growing degree days (GDD) are calculated by subtracting a 50 degree base temperature from the average of the maximum and minimum temperature for the day. The daily maximum is limited to 86 degrees and minimum of 50 degrees.

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